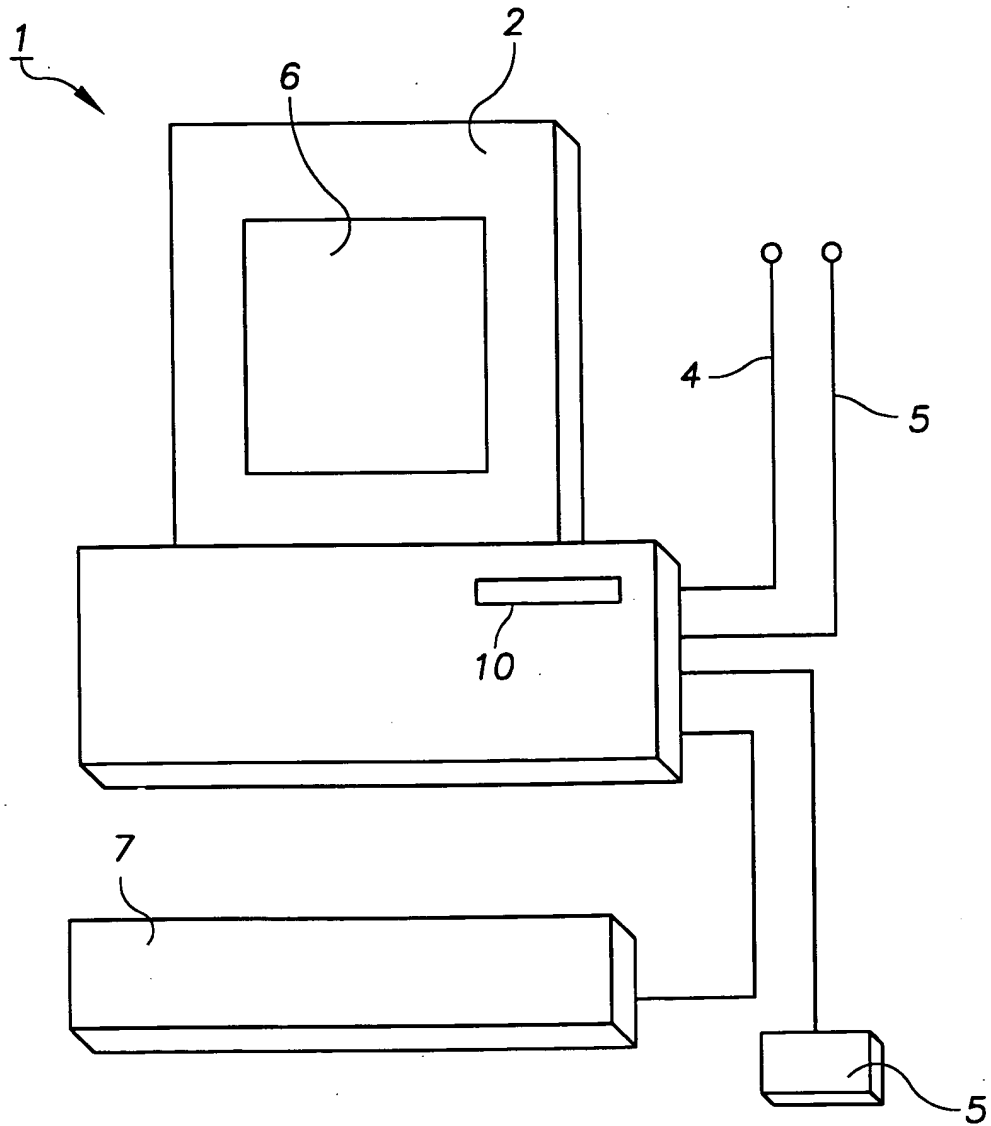


FIG. 1



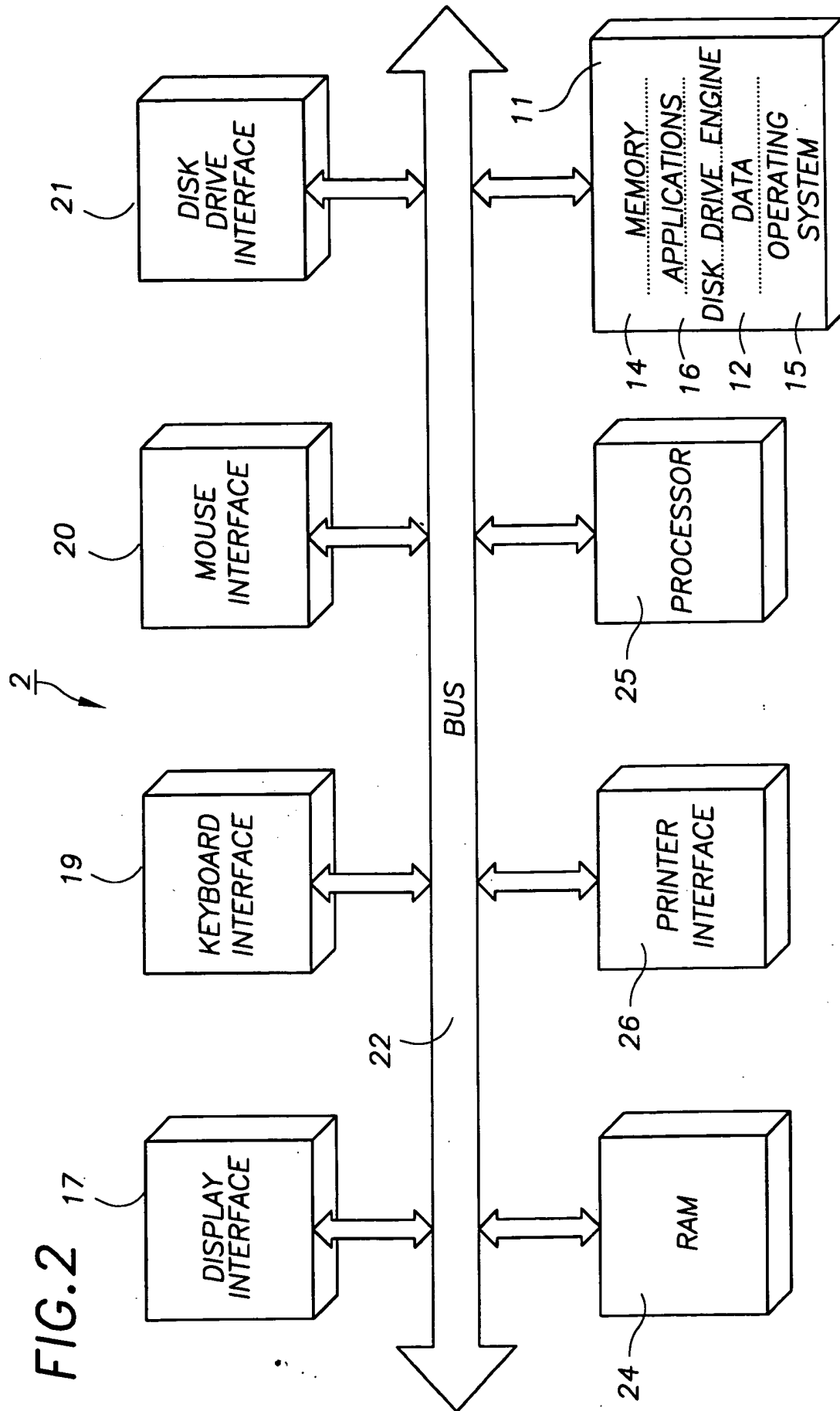
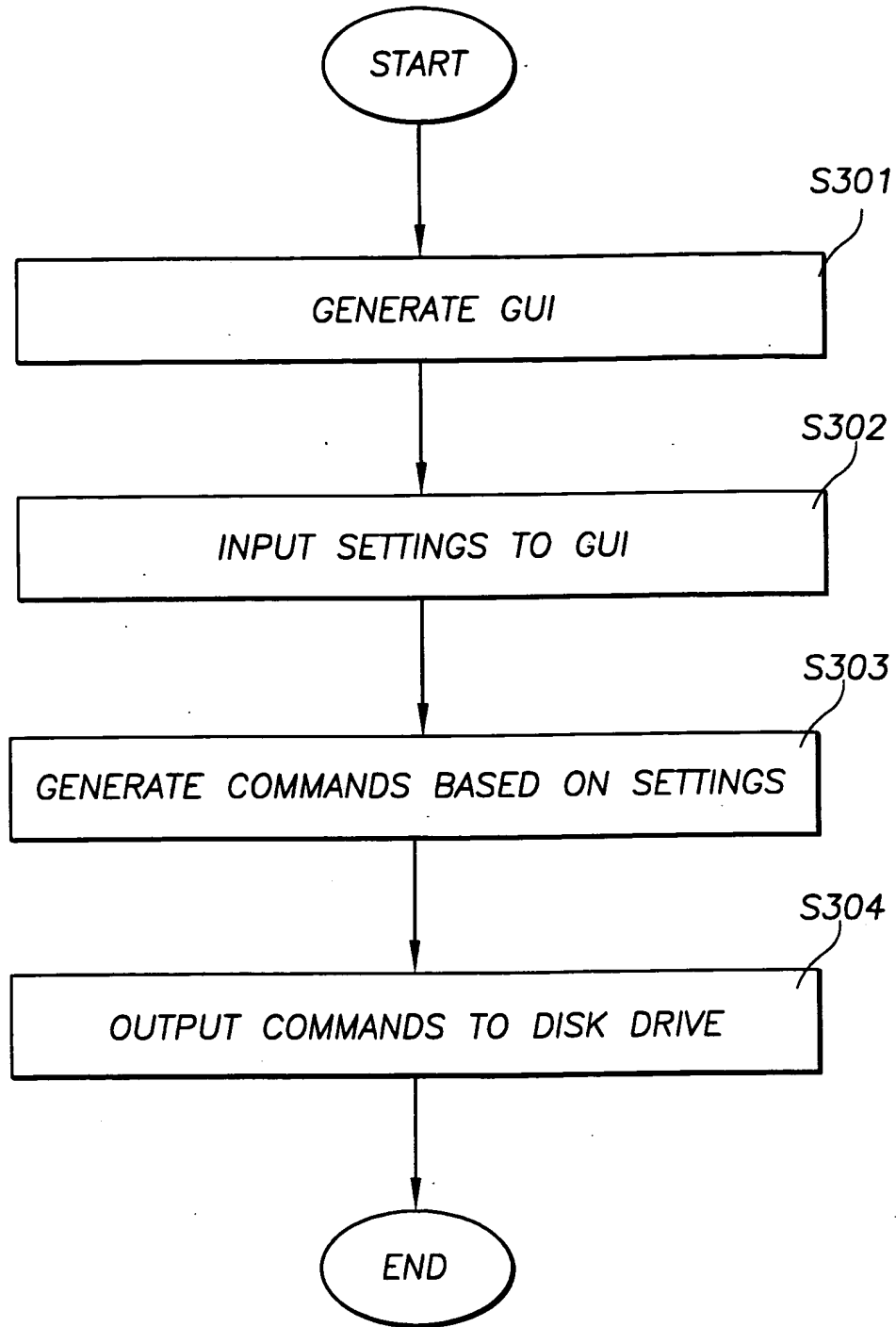


FIG. 3



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FIG. 4

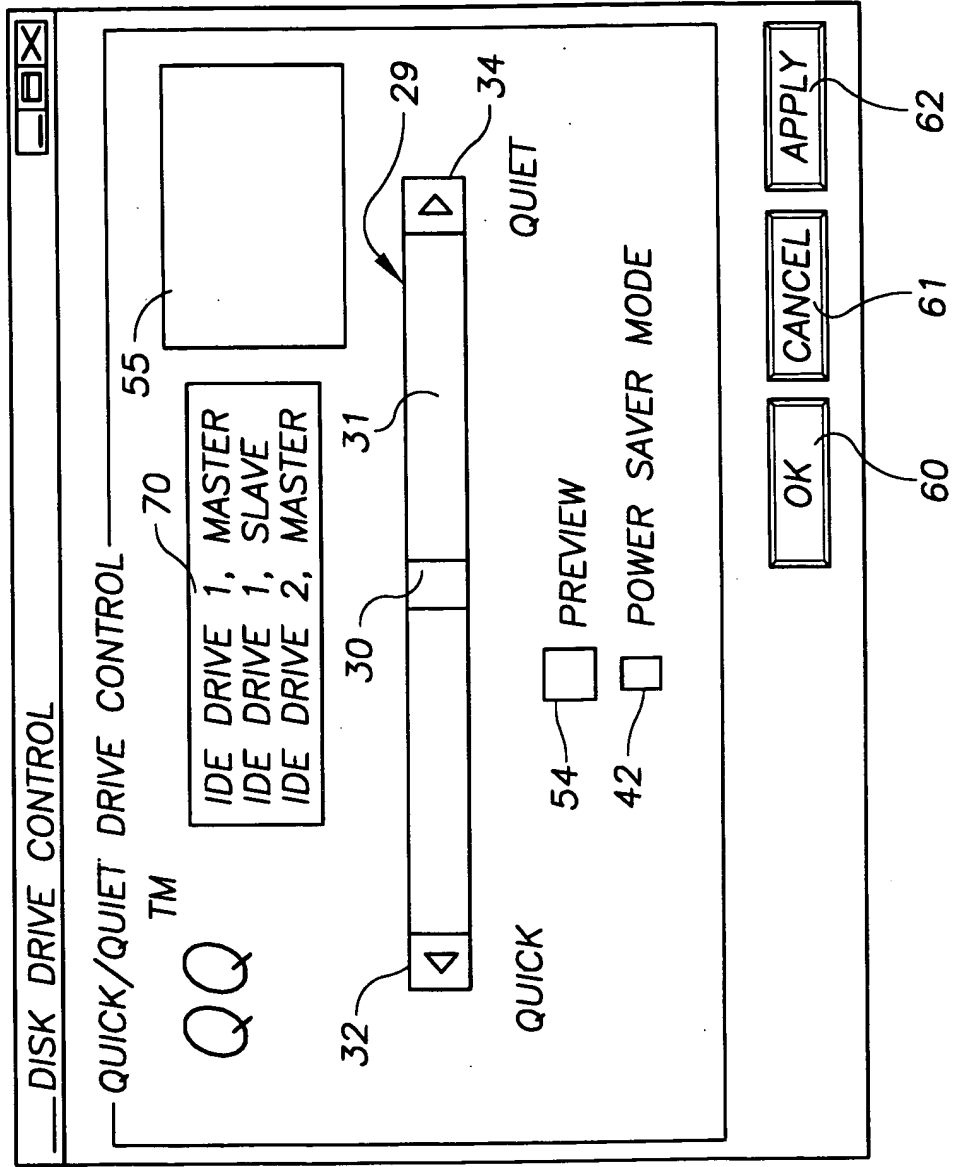


FIG. 5

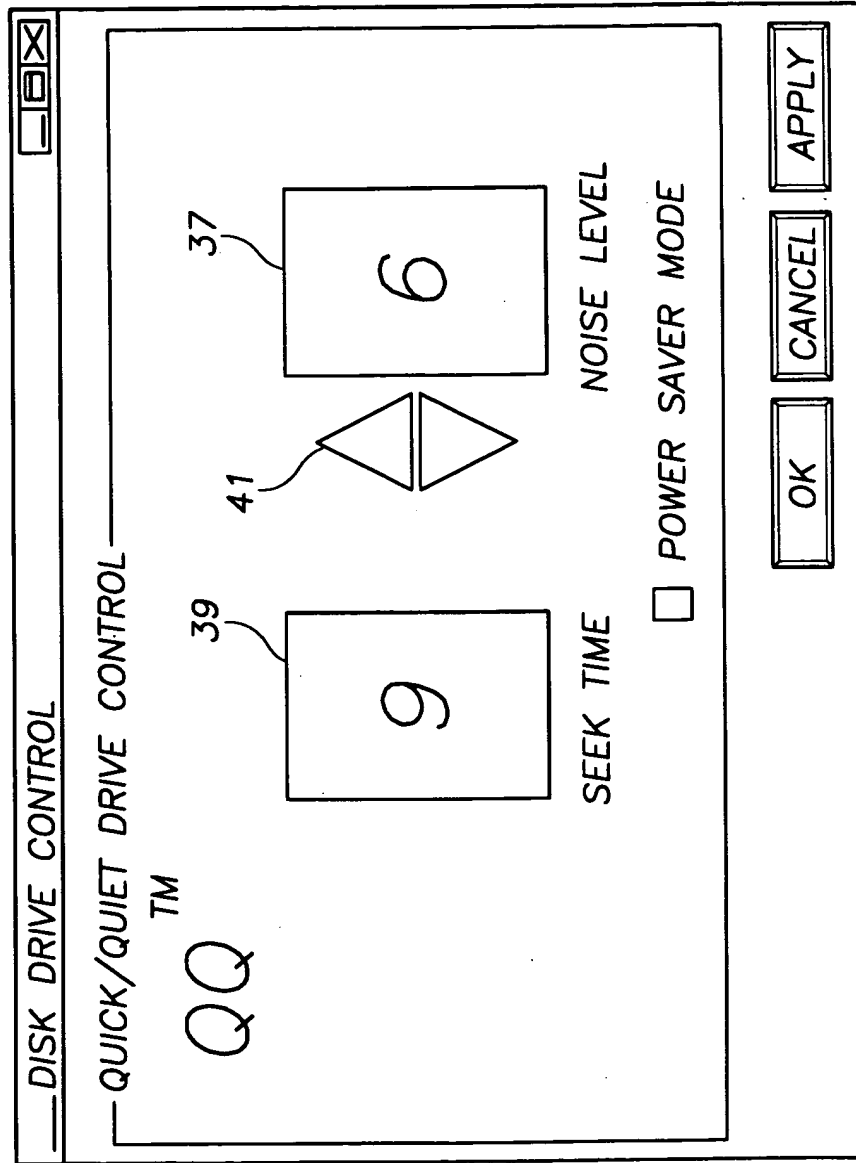


FIG. 6

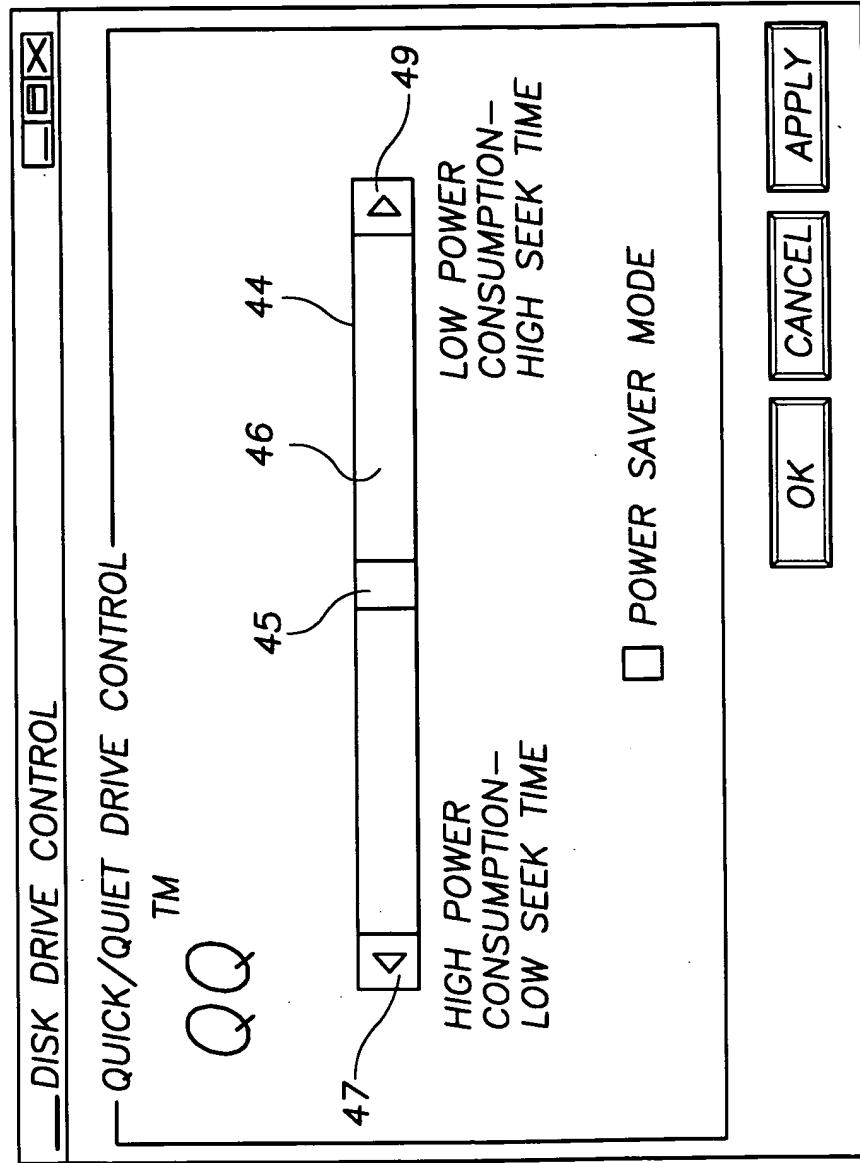


FIG. 7

DISK DRIVE CONTROL

QUICK/QUIET DRIVE CONTROL

QQTM

52

NOISE LEVEL

50

POWER CONSUMPTION

☐ POWER SAVER MODE

OK CANCEL APPLY

FIG.8

—DISK DRIVE CONTROL

—QUICK/QUIET DRIVE CONTROL™

QQ

9

SEEK TIME

NOISE LEVEL

6

POWER CONSUMPTION

2

☐ POWER SAVER MODE

OK

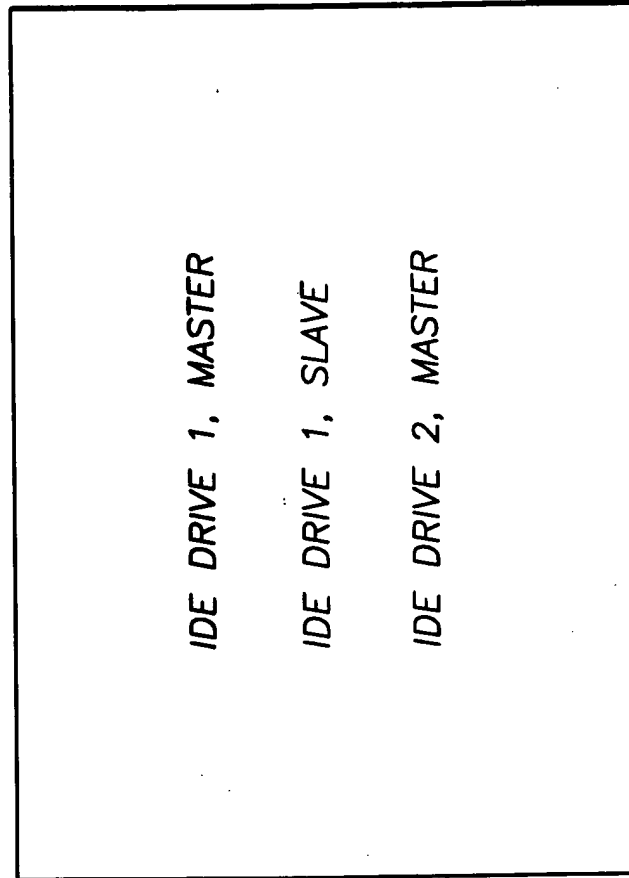
CANCEL

APPLY

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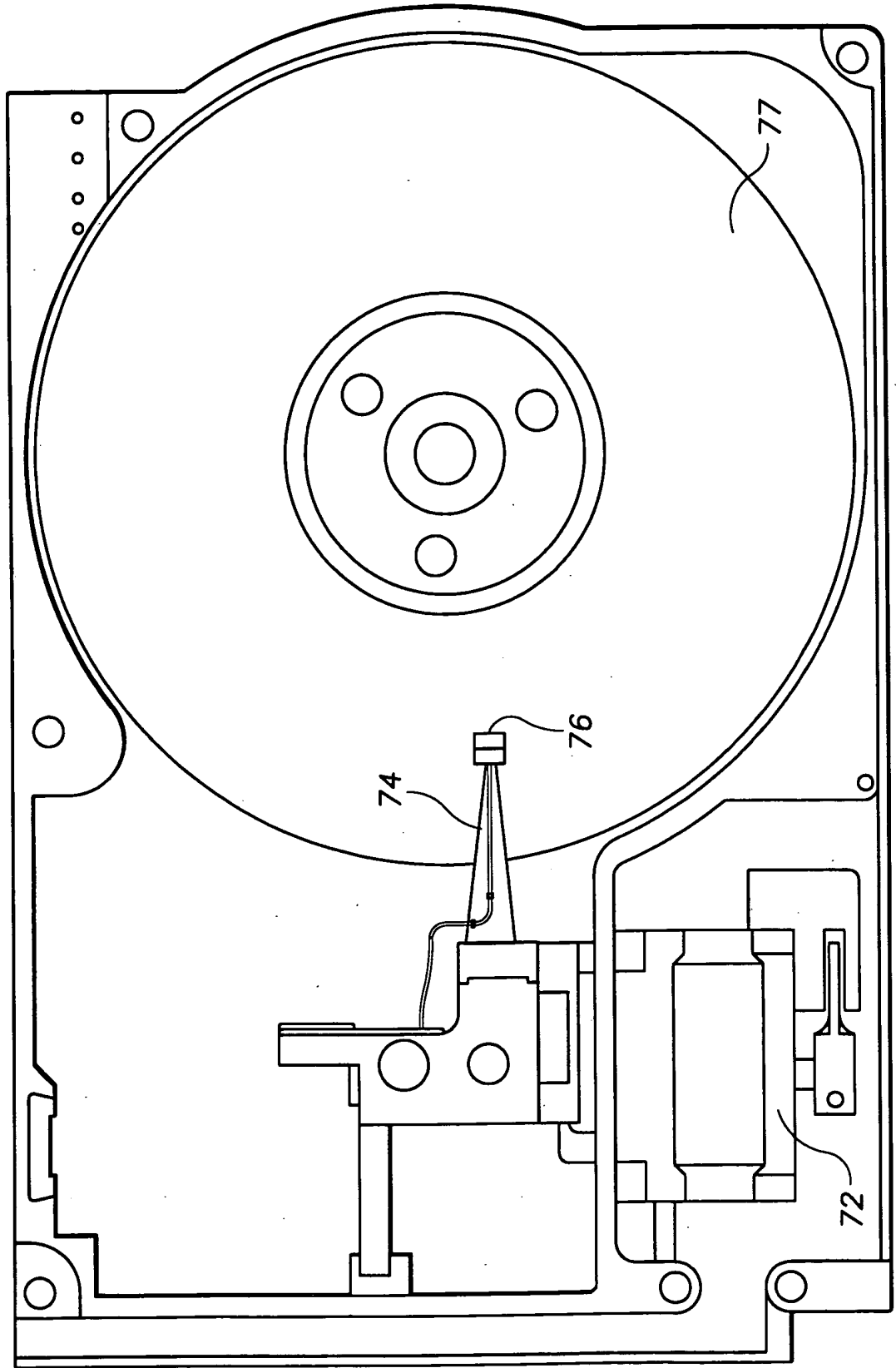
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FIG. 9



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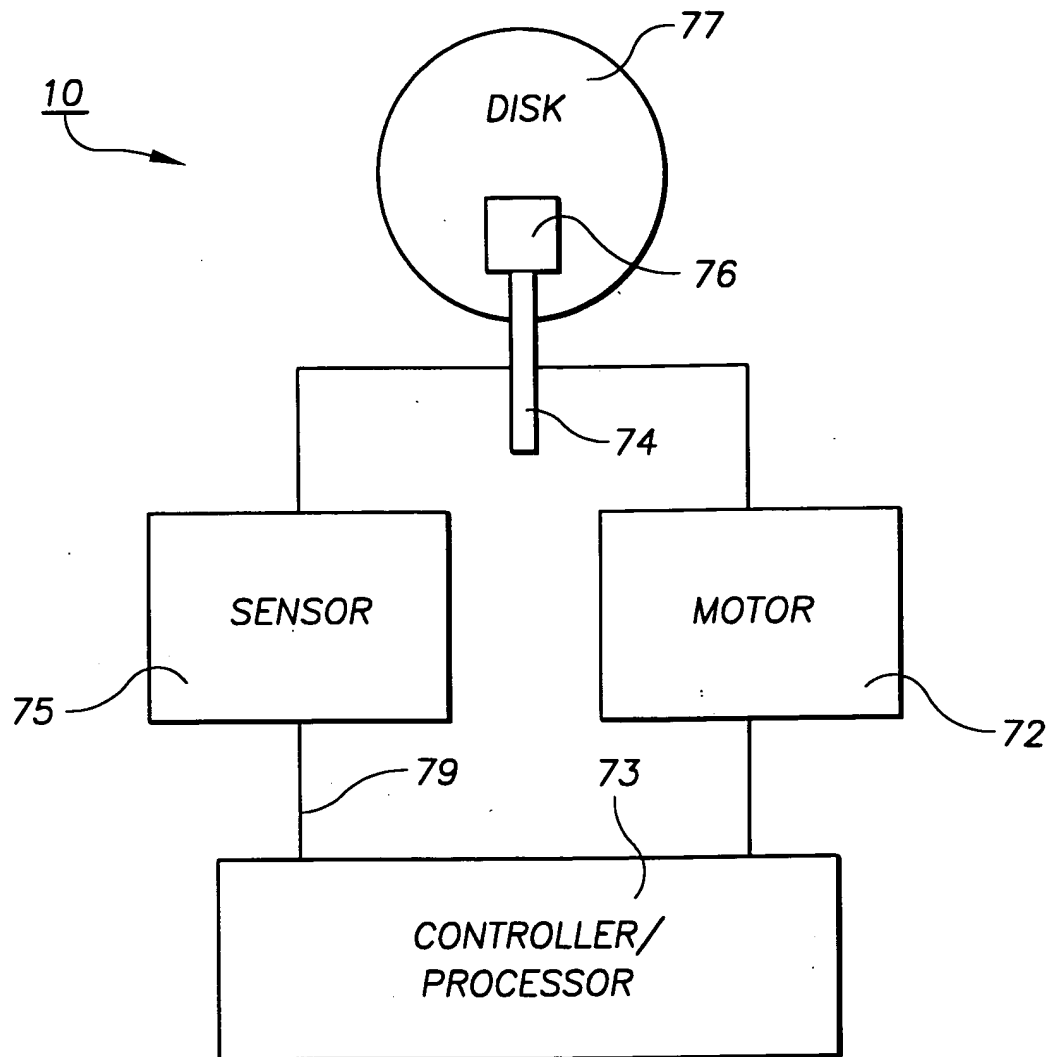
FIG. 10A



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FIG. 10B

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FIG. 11

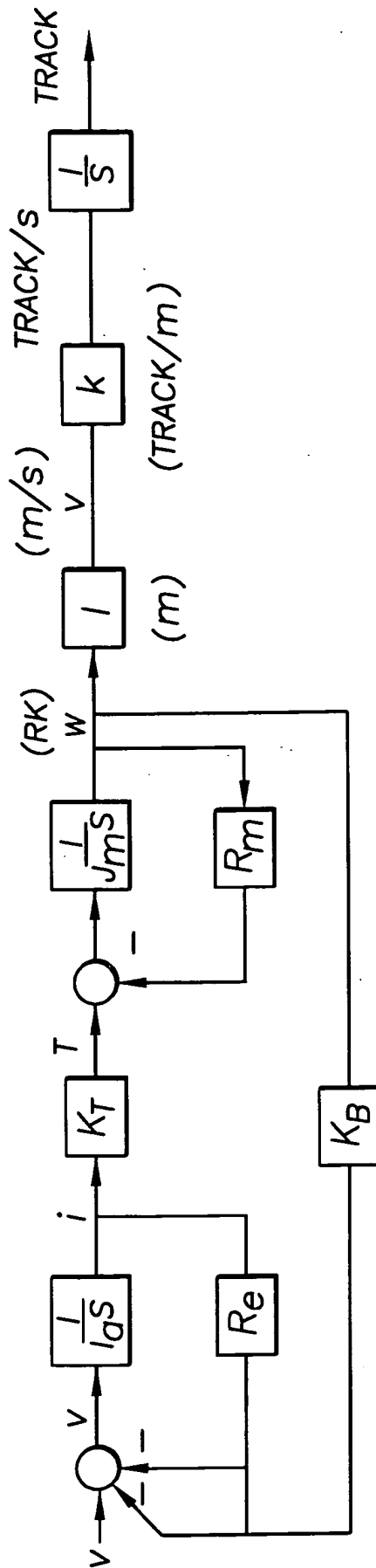


FIG. 12

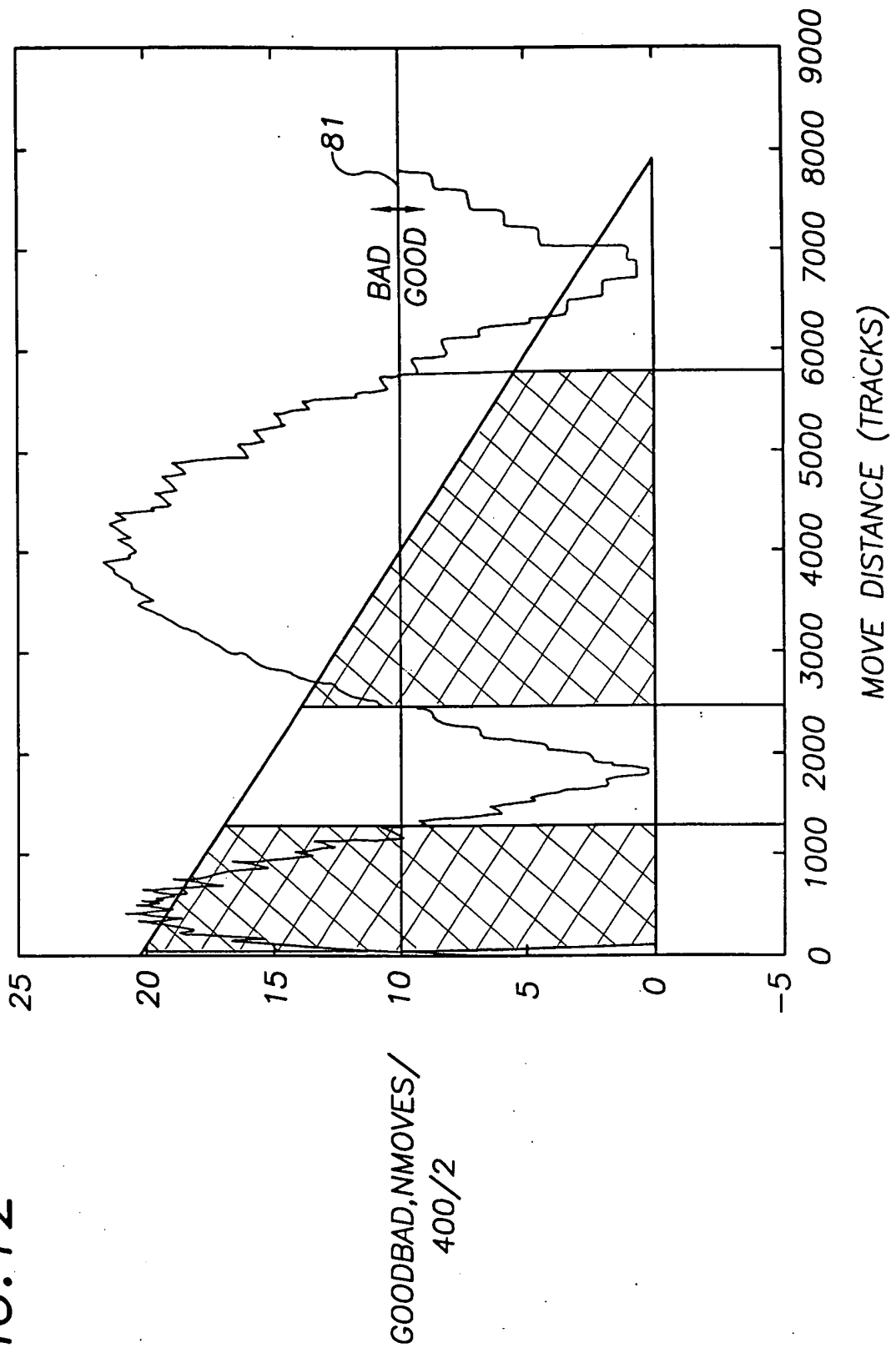


FIG. 13

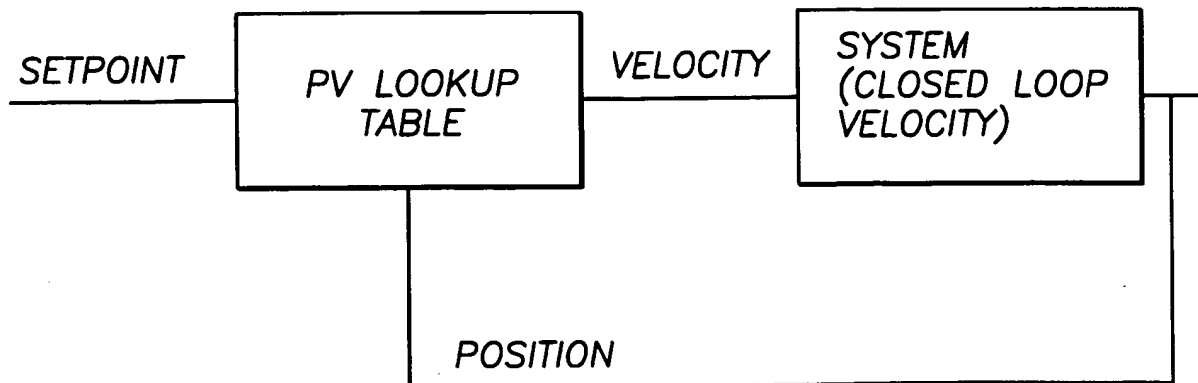
PRIOR ART

FIG. 14

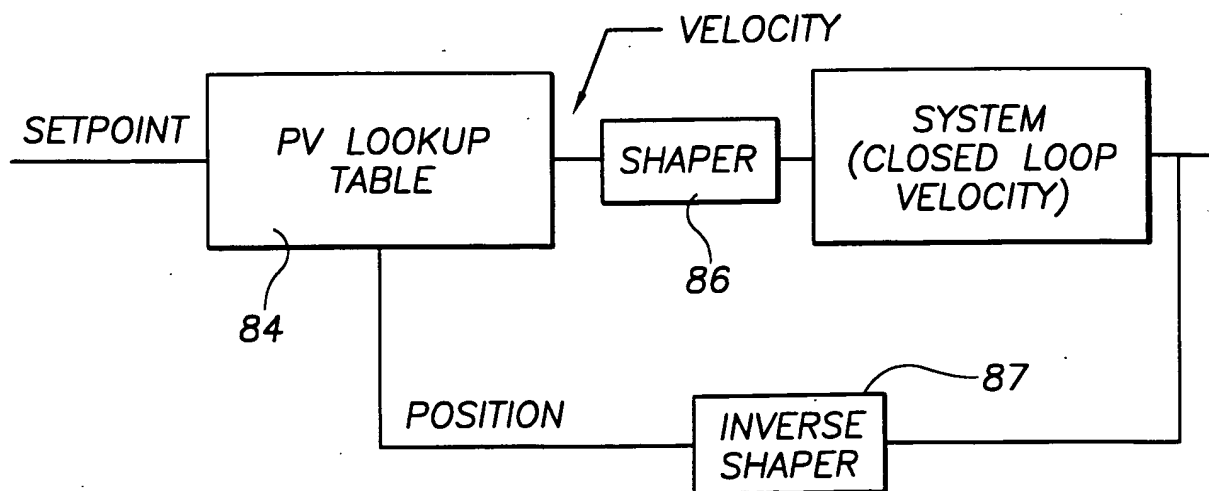


FIG. 15

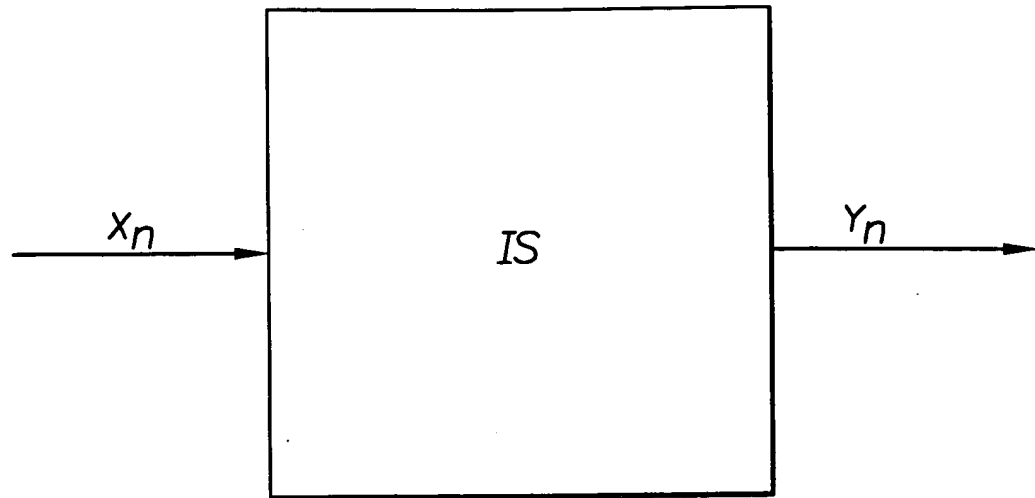


FIG. 16

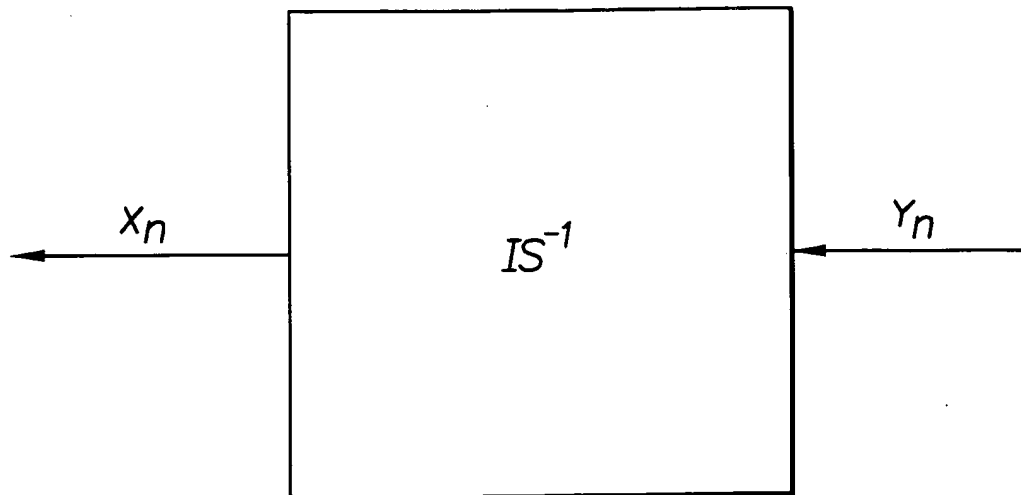


FIG.17

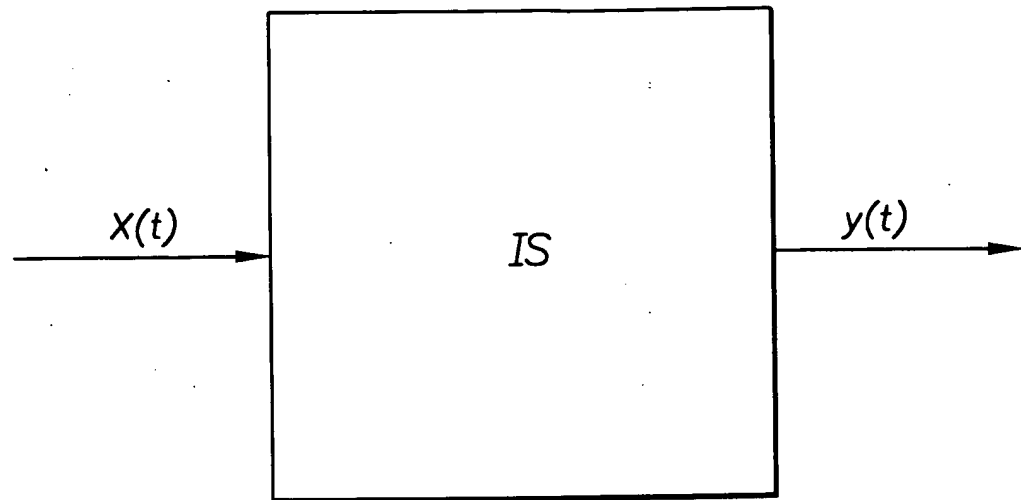


FIG18

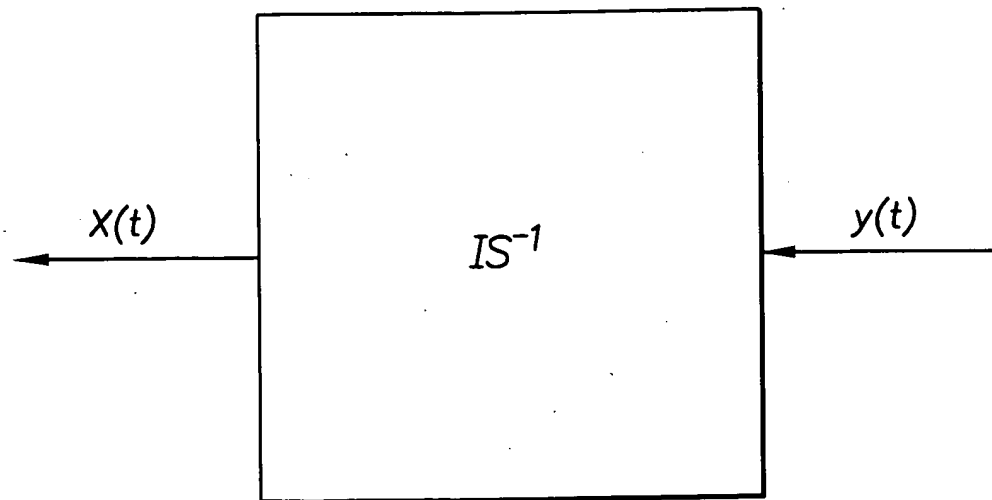


FIG. 19

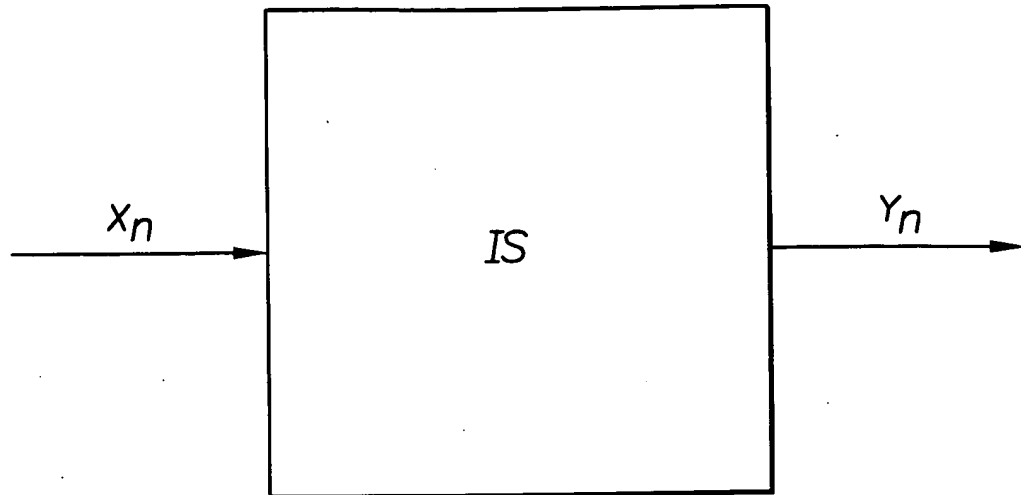


FIG. 20

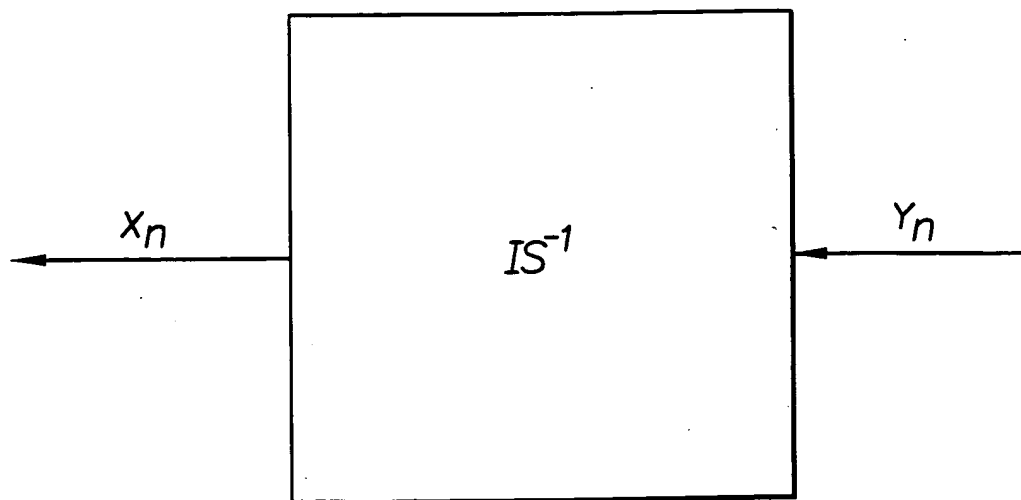


FIG. 21

PV CURVES FOR 100, 500,
AND 1000 TRACK MOVES

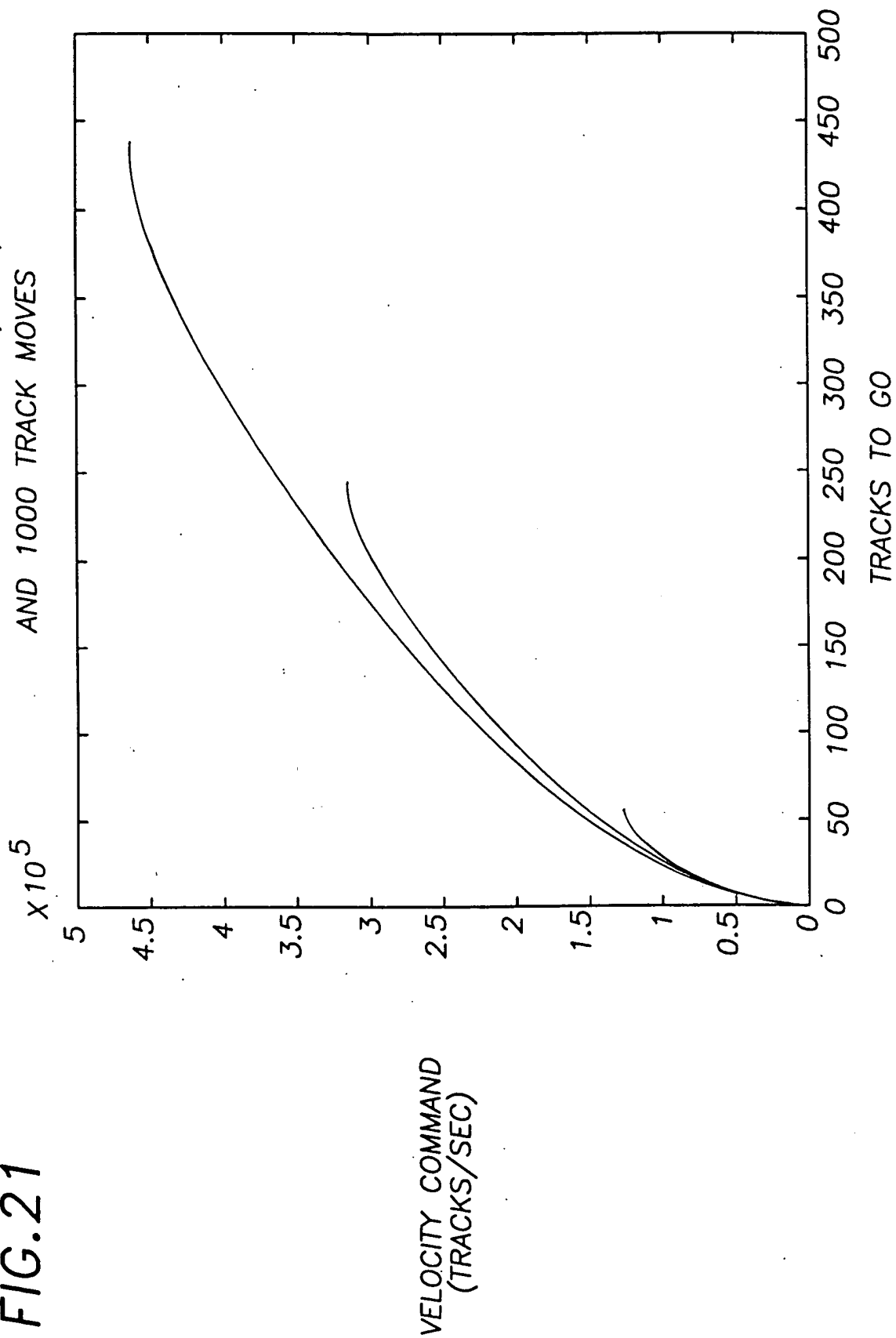
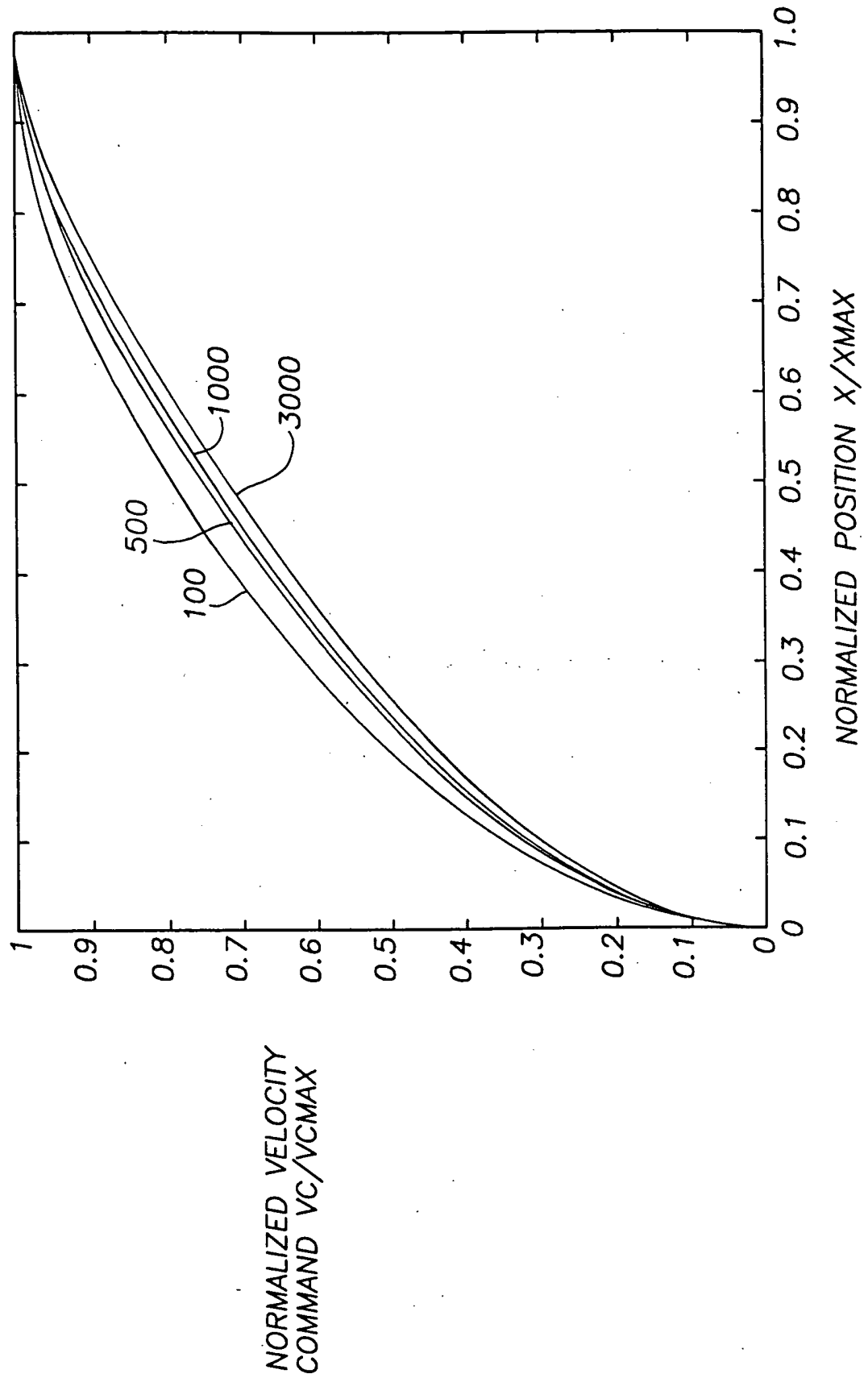
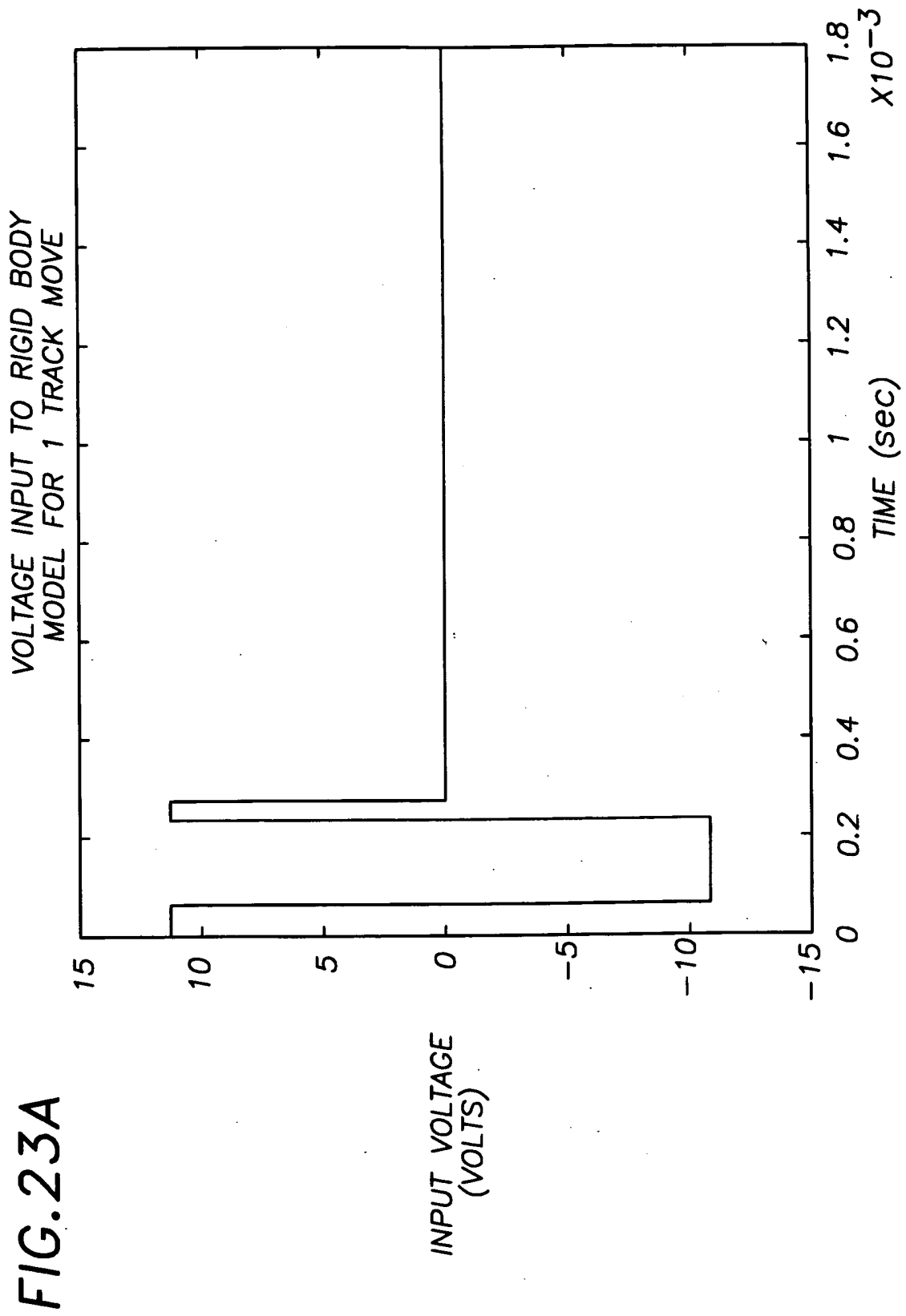


FIG. 22

NORMALIZED PV CURVES FOR 100,
500, 1000, 3000 TRACK MOVES





VOLTAGE INPUT TO RIGID BODY
MODEL FOR 3000 TRACK MOVE

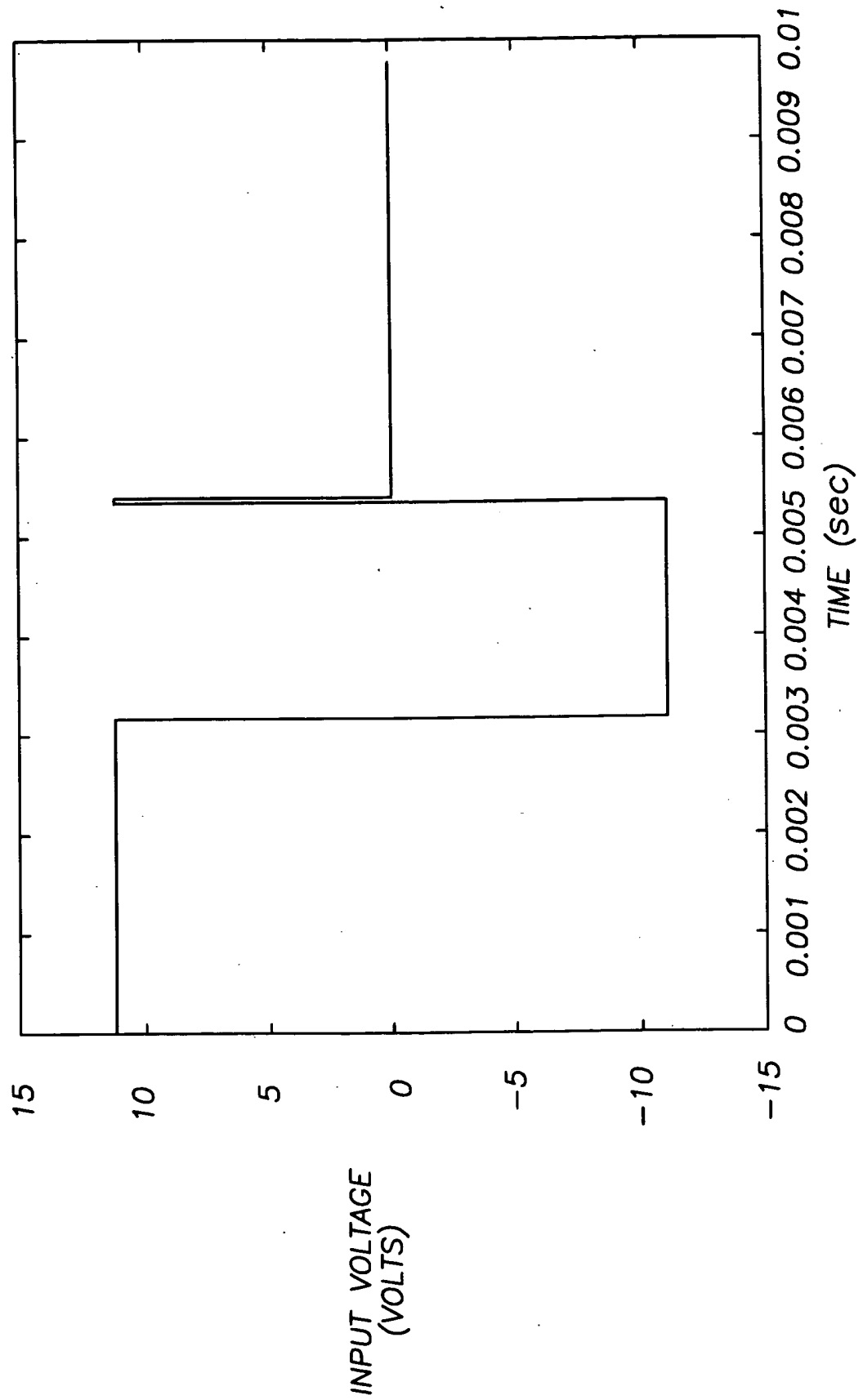


FIG.23B

FIG.24

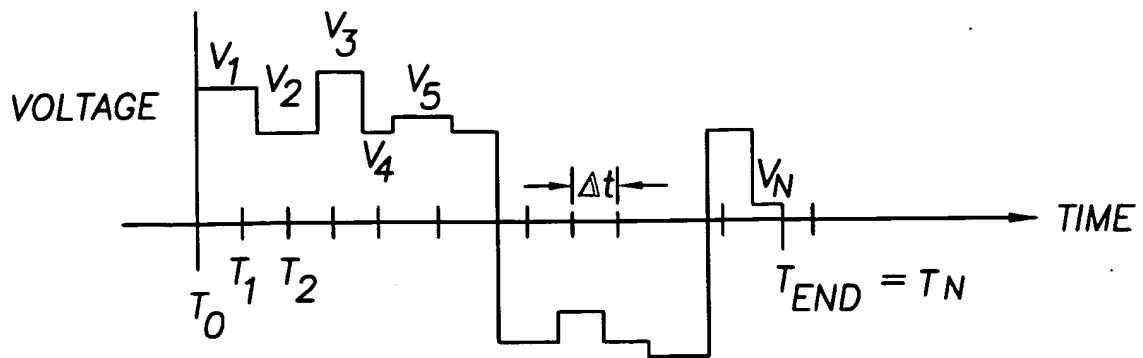


FIG.25

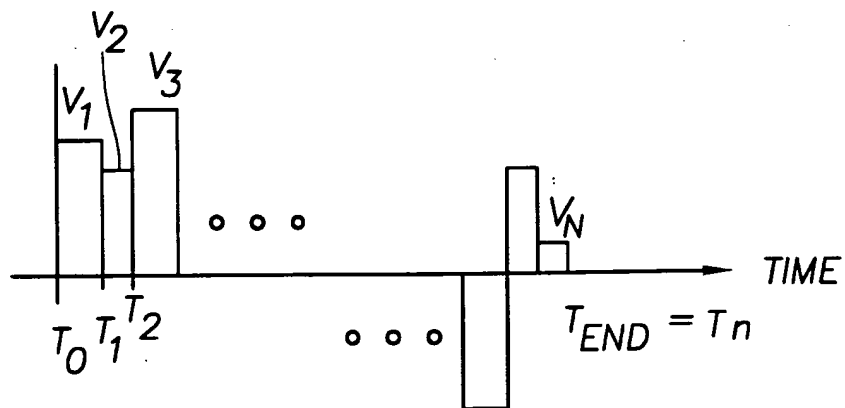


FIG.26

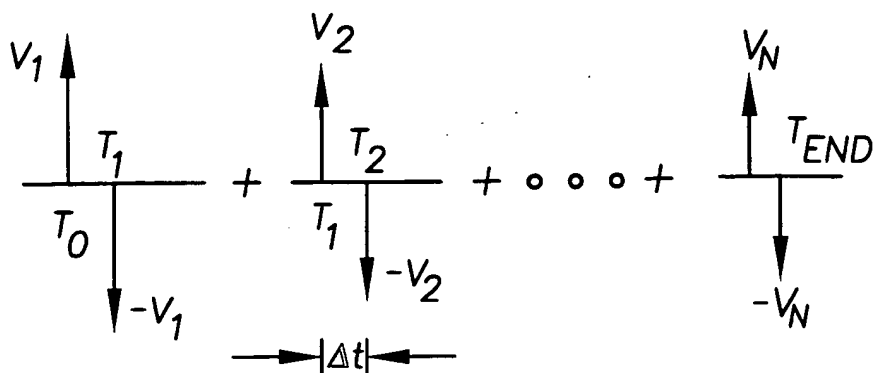


FIG.27

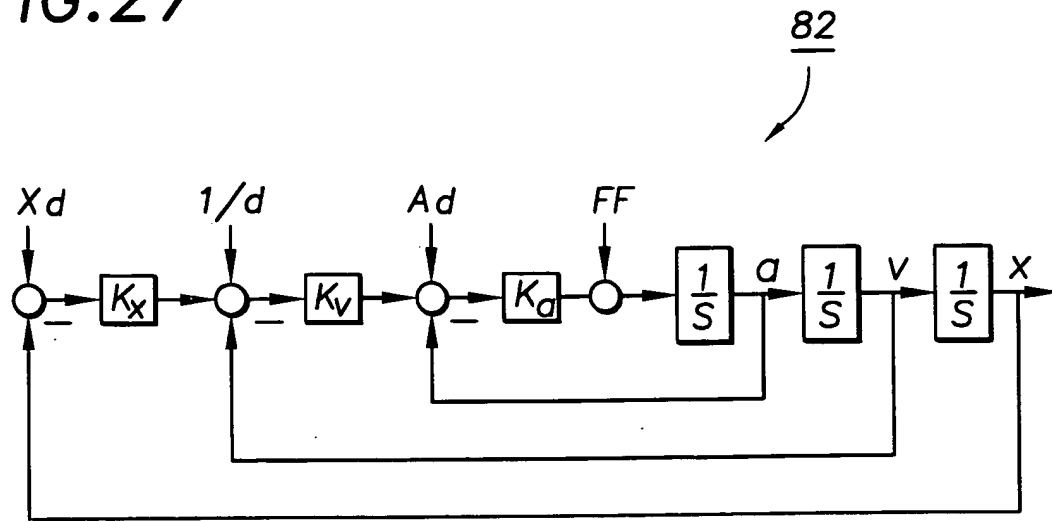
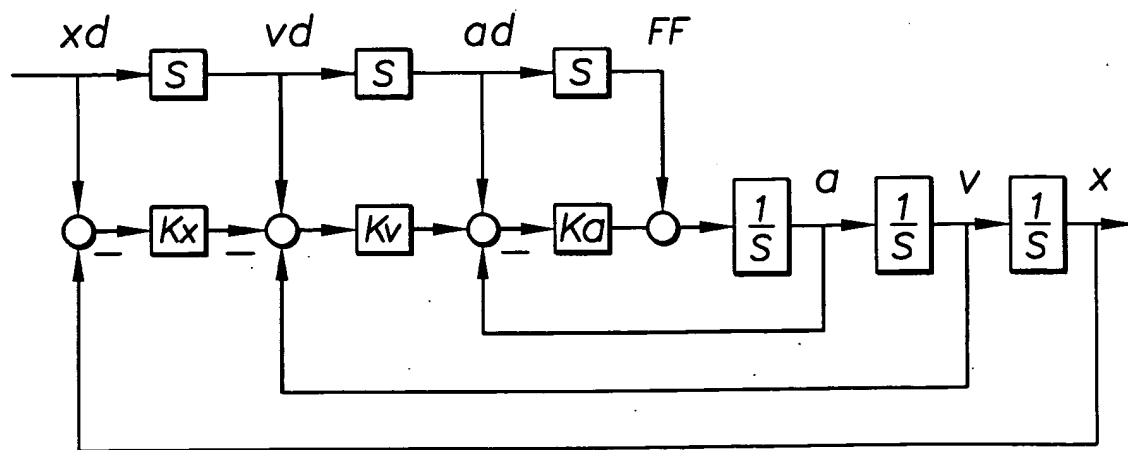


FIG.28



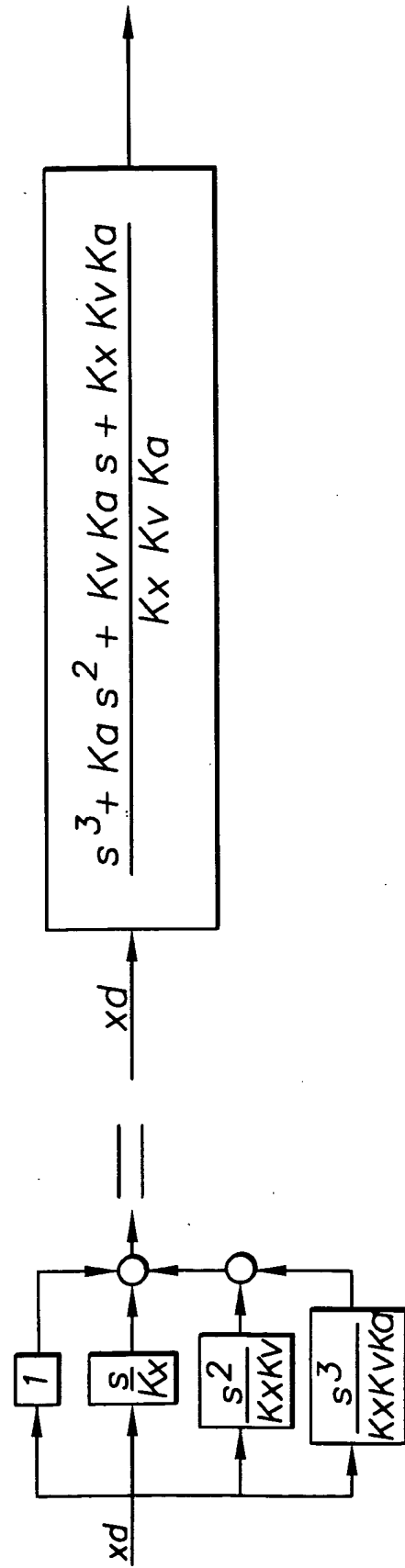
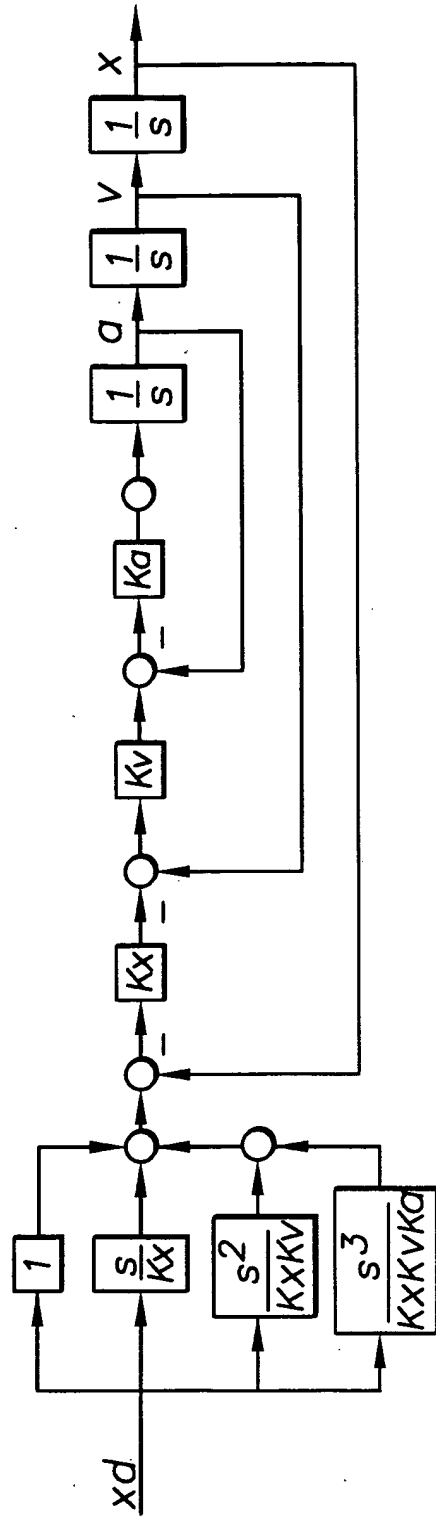


FIG.31

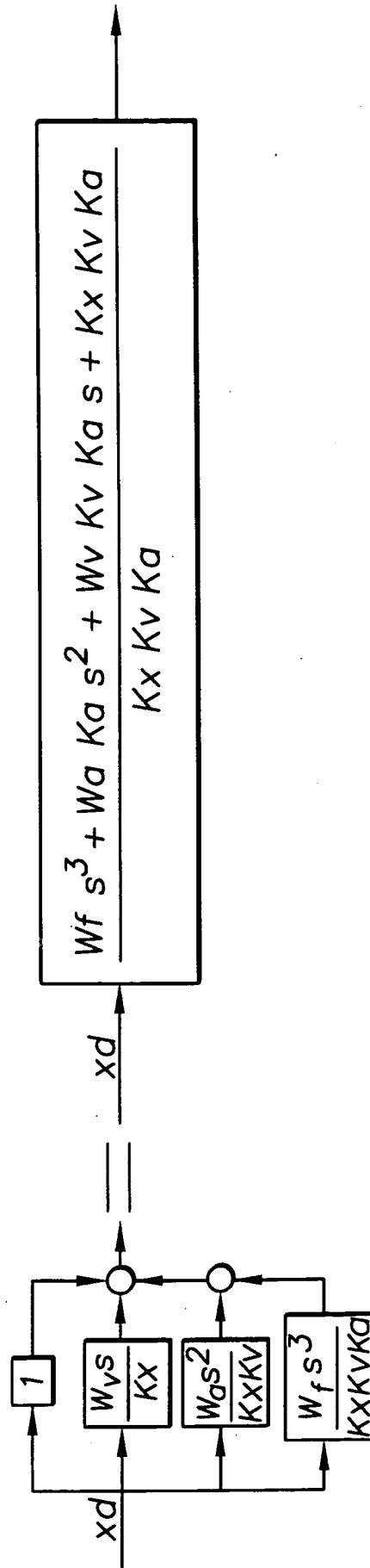


FIG.32

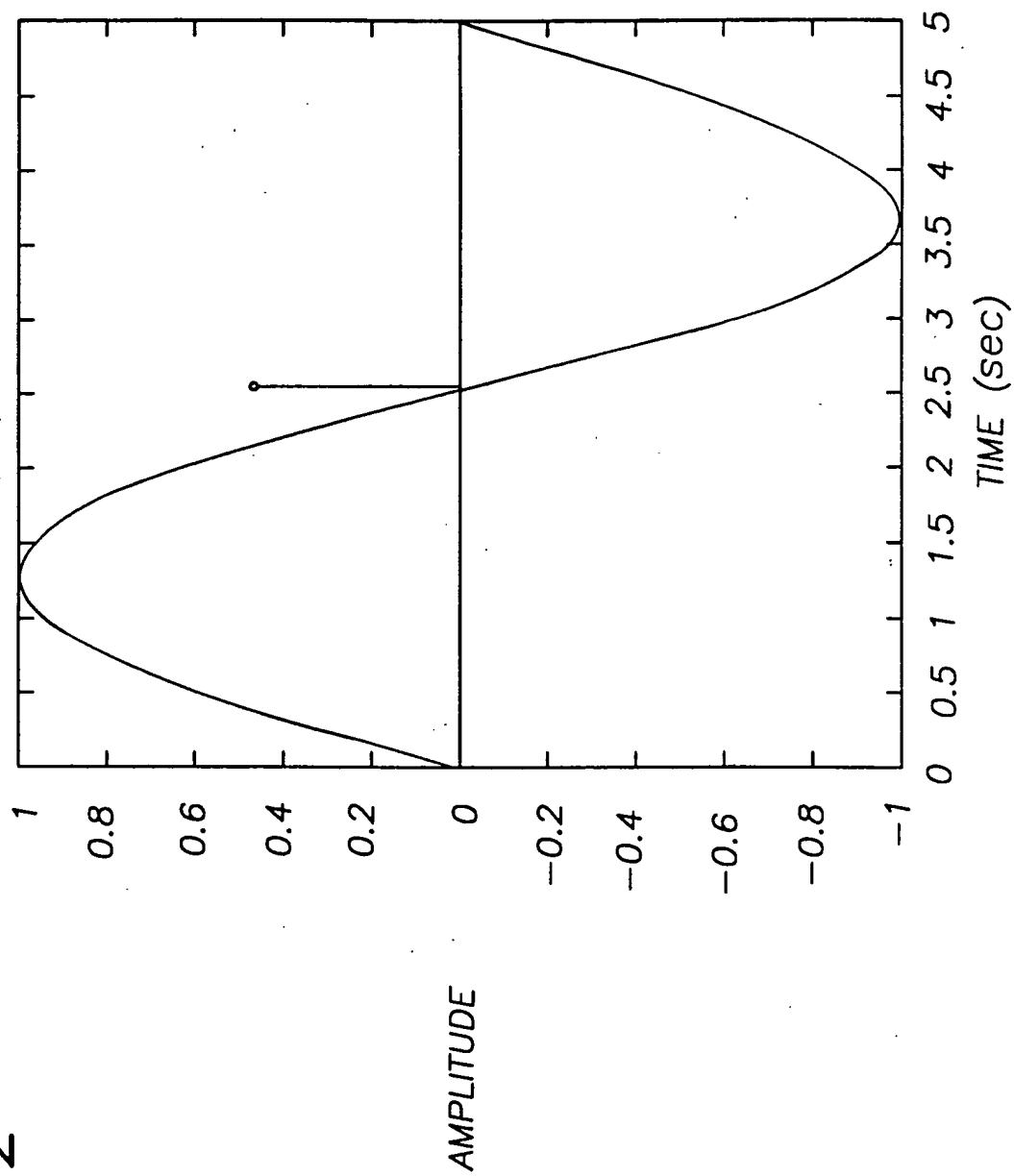


FIG.33

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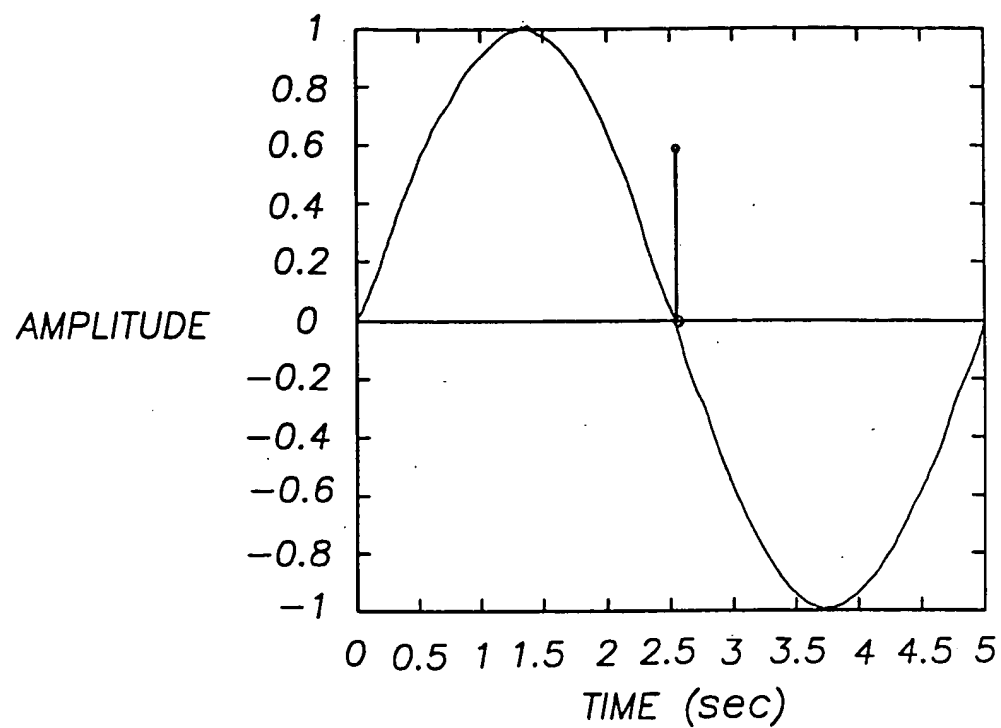


FIG.34

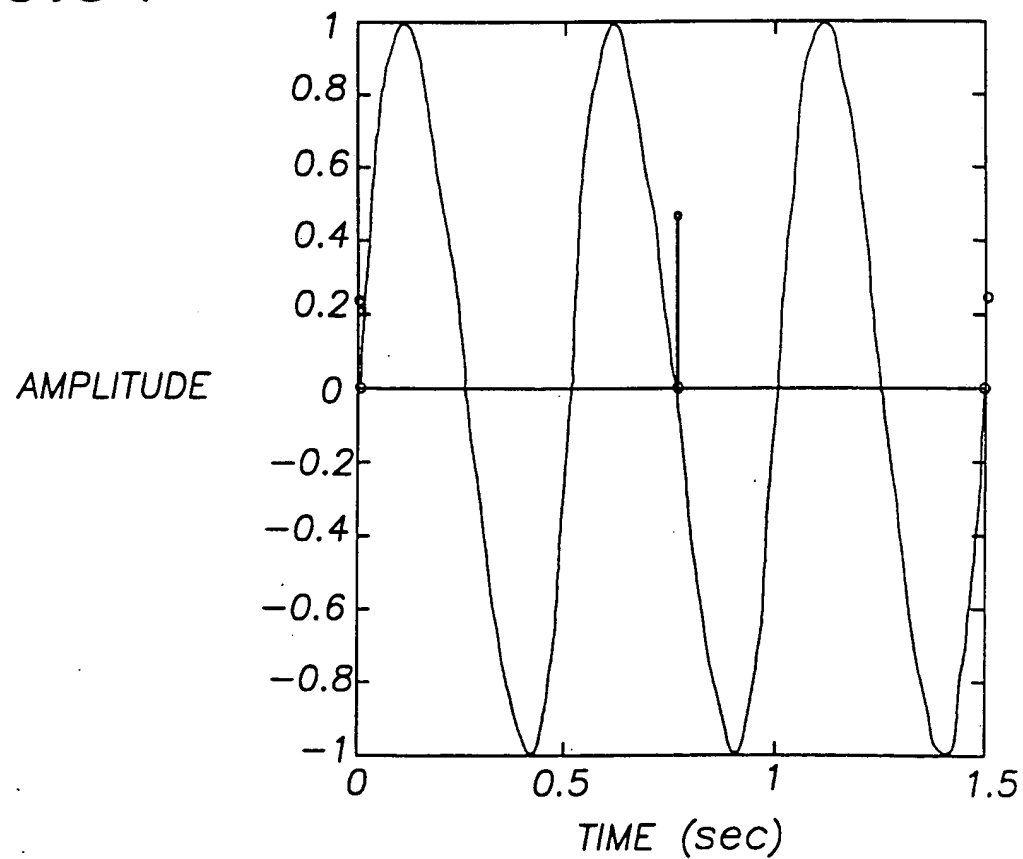


FIG.35

